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Mfr. of stretched extruded polyolefin compsns. - from molten mixt. comprising polyolefin, high density inorganic filler and plasticiser, which is first extruded as pellets

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Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
JP 53102381	A	19780906				197841	B
JP 80024407	B	19800628				198030	

Priority Applications (Number Kind Date): JP 7716984 A (19770218)

Abstract:

JP 53102381 A

The process comprises preparing pellets by (1) blending uniformly 26-69.9 wt. % polyolefin resin (e.g. high or low density polyethylene, polypropylene, polybutene, etc. or olefin-contg. copolymers), 3.0-70. % high density inorganic filler (e.g. lead oxide, zinc oxide, barium sulphate, calcium carbonate, boron cpds. titanium oxide, etc. having particle size of 1-10 m and a size distribution of 10-100 m of <20 wt. %) and 0.1-4 wt. % of a plasticiser (e.g. phthalate esters, e. g. DMP, DBP, DOP, DIDP, DNP, etc., phosphate esters, e.g. TCP, TOC, TPP, etc. poly-carboxylate esterS, e.g. TOT, etc.) (2) extruding the molten mixt. and pelletising the extrudate; (3) extruding the molten pellets as such or mixed uniformly with a polyolefin resin; and (4) stretching the extrudate.

The stretched polyolefins have a high density and are used to make fishing nets, etc.

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Dialog® File Number 351 Accession Number 2060720